

METHODS OF DIAGNOSIS AND TREATMENT OF INTERSTITIAL LUNG DISEASE

ABSTRACT OF THE DISCLOSURE

[00230] The present invention provides for a method of treating pulmonary disease in a subject comprising the administration to a subject in need of such treatment a therapeutically effective amount of a formulation comprising a SP-C therapeutic. Preferably, the SP-C therapeutic is an agent selected from the group consisting of an isolated SP-C protein, an isolated nucleic acid molecule encoding a SP-C protein, a SP-C receptor-specific antibody that stimulates the activity of the receptor, or pharmaceutically acceptable composition thereof. The present invention also provides methods of producing a mouse with a targeted disruption in a surfactant protein C (SP-C) gene. The present invention also provides for a transgenic mouse produced by a targeted disruption in a surfactant protein C (SP-C) gene. The present invention further provides for a cell or cell line from a transgenic mouse produced by a targeted disruption in a surfactant protein C (SP-C) gene.